



10748 Planning and Deploying System Center 2012 Configuration Manager

Overview

This course describes how to plan and deploy a System Center 2012 Configuration Manager hierarchy, including the central administration site, one or more primary sites and secondary sites, and all associated site systems.

Prerequisites

- 6419 Configuring, Managing, and Maintaining Windows Server 2008 Servers
- 20687 Configuring Windows 8.1
- 20411 Administering Windows Server 2012

Prerequisite Comments

Recommended having these courses or equivalent knowledge and work experience.

Before attending this course, students must have a working knowledge at the system-administrator level of:

- Networking fundamentals, including TCP/IP and Domain Name System (DNS)
- Active Directory® Domain Services (AD DS) principles and management
- Windows Server management including managing Windows Server 2008 R2 and Windows Server 2012
- Windows Client fundamentals
- Deployment, configuration, and troubleshooting for Windows-based personal computers
- Basic public key infrastructure (PKI) concepts
- Configuration Manager features and administrative tasks including:
 - Working with the System Center 2012 Configuration Manager or newer administrator console
 - Installing clients
 - Maintaining hardware and software inventory
 - Working with collections
 - Reporting
 - Deploying applications
 - Managing software updates
 - Deploying operating systems
 - Settings management

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Schedule

Class Length: 3 Days

G2R = "Guaranteed to Run" | OLL = "Online LIVE"
 ILT = "Instructor-Led-Training"

This course is not currently available on the public schedule. Please contact us using the information in the footer below to inquire about future dates or to schedule a private class.

- Active Directory® Domain Services (AD DS) principles and management
- Windows Server management including managing Windows Server 2008 R2 and Windows Server 2012
- Windows Client fundamentals
- Deployment, configuration, and troubleshooting for Windows-based personal computers
- Basic public key infrastructure (PKI) concepts
- Configuration Manager features and administrative tasks including:
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Target Audience

This course is intended for:

- Systems Engineers who need to plan a System Center 2012 Configuration Manager deployment. They have three to five years of experience in medium to large enterprise organizations supporting multiple desktop and server computers that run Microsoft® Windows®.
- Configuration Manager Administrators responsible for designing and deploying one or more System Center 2012 Configuration Manager sites and all supporting systems. They have three to five years of experience in medium to large enterprise organizations supporting multiple desktop and server computers that run Microsoft Windows Server®.

Course Objectives

After completing this course, students will be able to:

- Describe the Configuration Manager 2012 infrastructure and describe typical deployment scenarios.
- Plan and deploy a single primary site.
- Plan and configure administrative roles.
- Plan and deploy a multiple-site hierarchy including the central administration site, primary sites, and secondary sites.
- Describe replication and data types, and monitor the replication of data throughout the hierarchy.
- Use various methods to plan and deploy Configuration Manager 2012 clients.

- Perform maintenance tasks and monitor site systems.
- Perform migration of objects from Configuration Manager 2007 to Configuration Manager 2012.

Course Outline

Overview of System Center 2012 Configuration Manager

Introduction to System Center 2012 Configuration Manager
Overview of the Configuration Manager 2012 Server Infrastructure
Configuration Manager 2012 Deployment Scenarios
Overview of the Configuration Manager 2012 Client

Planning and Deploying a Stand-Alone Primary Site

Planning a System Center 2012 Configuration Manager Stand-Alone Primary Site Deployment
Preparing to Deploy a Configuration Manager 2012 Primary Site
Installing a Configuration Manager 2012 Site Server
Performing Post-Setup Configuration Tasks
Tools for Monitoring and Troubleshooting a Configuration Manager 2012 Installation
Managing Internet-Based Clients
Lab : Installing a Configuration Manager 2012 Primary Site
Lab : Performing Post-Setup Configuration Tasks

Planning and Configuring Role-Based Administration

Overview of Role-Based Administration
Identifying IT Roles in Your Organization
Configuring Role-Based Administration
Lab : Planning and Configuring Role-Based Administration

Planning and Deploying a Multiple-Site Hierarchy

Planning a Configuration Manager 2012 Hierarchy
Deploying a Configuration Manager 2012 Site
Overview of the Central Administration Site
Overview of Primary Sites
Overview of Secondary Sites
Lab : Installing the Central Administration Site
Lab : Installing a Primary Site in an Existing Hierarchy
Lab : Installing a Secondary Site

Data Replication and Content Management

Introduction to Data Types and Replication
Monitoring and Troubleshooting Data Replication
Planning for Content Management
Configuring and Monitoring Content Management
Lab : Monitoring and Troubleshooting Data Replication
Lab : Configuring Content Management

Planning and Completing System Center 2012 Configuration Manager Client Deployment

Introduction to Discovery Methods
Introduction to Configuration Manager 2012 Client Deployment
Deploying Configuration Manager 2012 Clients
Managing Configuration Manager 2012 Clients
Monitoring Configuration Manager 2012 Client Status
Lab : Planning and Completing Configuration Manager 2012 Client Deployment

Maintaining and Monitoring System Center 2012 Configuration Manager

Overview of Configuration Manager 2012 Site Maintenance
Performing Backup and Recovery of a Configuration Manager 2012 Site
Monitoring Configuration Manager 2012 Site Systems
Lab : Maintaining and Monitoring System Center 2012 Configuration Manager

Migrating from System Center Configuration Manager 2007 to System Center 2012 Configuration Manager

Overview of the Migration Process
Preparing Configuration Manager 2007 Sites for Migration
Configuring Migration Settings
Migrating Objects
Lab : Migrating from System Center Configuration Manager 2007 to System Center 2012 Configuration Manager

Related Courses, Certifications, Exams _____

- 6419 Configuring, Managing, and Maintaining Windows Server 2008 Servers
- 20687 Configuring Windows 8.1
- 20411 Administering Windows Server 2012
- 70-243 - Administering and Deploying System Center 2012 Configuration Manager